

SYSTEM AND APPARATUS FOR A DIGITAL AUDIO/VIDEO DECODER

ABSTRACT OF THE DISCLOSURE

The present invention provides a system and an apparatus for a digital audio/video decoder comprising a file reader capable of obtaining an encoded audio/video data stream from a data source, a navigator that instructs the file reader to obtain the encoded audio/video data stream, a splitter that separates the encoded audio/video data stream obtained by the file reader into one or more component data streams, and a reprogrammable proxy filter that decodes and converts the one or more component data streams into three or more renderable signals including at least one renderable audio signal and at least two renderable video signals.

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